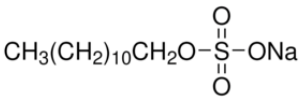
64683 Einhausen Marie-Curie-StraBe. 3, Germany
Website: www.pure-synth.com
Phone: 1800-8908-260
Email: info@pure-synth.com

PureSynth®
Research Chemicals

# Product Specification

Product Name:
**Sodium Lauryl Sulphate (SLS),**
**For Electrophoresis and Protein Solubilization, UltraPure, ≥99.0%**

| | |
|---|---|
| Product No.: | PSR50670 |
| Brand: | PureSynth |
| CAS No.: | 151-21-3 |
| Molecular Formula: | $C_{12}H_{25}NaO_4S$ |
| Molecular Weight: | 288.38 g/mol |



| Test | Specification |
|---|---|
| Appearance | Passes test |
| Assay | ≥ 99.0 % |
| Solubility - Color (in $H_2O$) | Colorless to faint yellow |
| Solubility – Turbidity (200 mg/ml, in $H_2O$) | Clear |
| Chloride (Cl) | NMT 0.03 % |
| Heavy metals (As Pb) | NMT 2 ppm |
| Phosphate ($PO_4$) | NMT 1 ppm |
| Iron (Fe) | NMT 1 ppm |
| Nitrogen (N) | NMT 5 ppm |
| Trace impurities - Iron (Fe) | NMT 1 ppm |
| Absorbance at 280 nm (3 % w/v aqueous solution) | NMT 0.1 |

Specification: OT-1.0-QA/077

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.
For queries on this Specifications, please contact our technical team at technical@pure-synth.com